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FACSIMILE COVER SHEET

DATE: October 22, 2004
FILE NO: AMAT/3771.Y1/DSM/LOW K/JW
TO: Examiner: Steven H. Rao
FAX NO: 571-273-1718
PHONE NO: 571-272-1718
COMPANY: USPTO
FROM: Keith M. Tackett
PAGE(S) with cover: 7
ORIGINAL TO FOLLOW? ☐ YES ☒ NO

COURTESY COPIES OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTS FILED JULY 3, 2003 AND NOVEMBER 19, 2002

TITLE: Very Low Dielectric Constant Plasma-Enhanced CVD Films
U.S. SERIAL NO.: 10/091,699
FILING DATE: March 4, 2002
INVENTOR: Robert P. Mandal
EXAMINER: Steven H. Rao
GROUP ART UNIT: 2814
CONFIRMATION NO.: 7928

Message: As requested, please find enclosed the Supplemental Information Disclosure Statements for your review.

CONFIDENTIALITY NOTE

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311714_1

COPY

PATENT
Atty. Dkt. AMAT/3771.P1/DSM/LOW K/JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:
Mandal**

Serial No.: 10/091,699

Confirmation No.: 7928

Filed: March 4, 2002

**For: VERY LOW DIELECTRIC
CONSTANT PLASMA-
ENHANCED CVD FILMS**

Group Art Unit: 2814

Examiner: Rao, Steven H.

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING

MAR 18 2002

I hereby certify that this correspondence is being deposited on
11/19, 2002 with the United States Postal Service as First
Class Mail in an envelope addressed to Commissioner for
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11/19/02 Keith L. Zehr
Date Signature

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

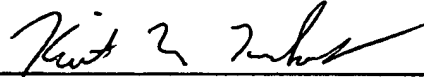
While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

No item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Supplemental Information Disclosure Statement.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/3771.Y1/KMT.

Respectfully submitted,



Keith M. Tackett
Registration No. 32,008
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Attorney for Applicant(s)

COPY

PATENT
Att. DK. AMAT/3771.Y1/DSM/LOW K/JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Robert P. Mandal

Serial No.: 10/091,699

Confirmation No.: 7928

Filed: March 4, 2002

**For: Very Low Dielectric
Constant Plasma-
Enhanced CVD Films**

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Group Art Unit: 2814

Examiner: Shrinivas H. Rao

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
USPS FORM 3849, MAY 2002 EDITION
GSA FPMR (41 CFR) 101-11.6

I hereby certify that this correspondence was deposited on
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7/31/03 Keith A. Zuck
Date Signature

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

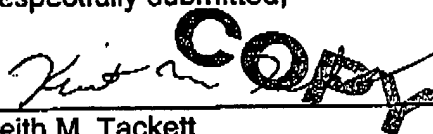
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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

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Respectfully submitted,



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Attorney for Applicant(s)




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1

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

The Commissioner is hereby authorized to charge the sum of \$180.00 due under 37 CFR § 1.17(p) pursuant to § 1.97, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/3771.P1/KMT.

Respectfully submitted,

  
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UNITED STATES PATENT AND TRADEMARK OFFICE

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# Fax Cover Sheet

**Date:** 22 Oct 2004

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| <b>To:</b> Keith M. Tackett                   | <b>From:</b> Steven H. Rao            |
| <b>Application/Control Number:</b> 10/091,699 | <b>Art Unit:</b> 2814                 |
| <b>Fax No.:</b> 713-623-4846                  | <b>Phone No.:</b> (571) 272-1718      |
| <b>Voice No.:</b> 713-523-4844                | <b>Return Fax No.:</b> (571) 273-1718 |
| <b>Re:</b> 10/091,699                         | <b>CC:</b>                            |

☒ **Urgent**    ☐ **For Review**    ☐ **For Comment**    ☐ **For Reply**    ☐ **Per Your Request**

**Comments:**

As per your request the IDS mailed 11/19/02 and 7/03/03 and 11/03/03 with certificate of mailing that the IFW file do not include, and therefore were faxed by you, have been reviewed and initialed and a courtesy copy faxed to you herewith.

*Faxed*  
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*13:12*  
*#330, TRANS*  
*4601*

**Number of pages** 4 **including this page**

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Sheet 1 of 1 sheet(s)

|                                                                                      |  |                |                                             |                           |
|--------------------------------------------------------------------------------------|--|----------------|---------------------------------------------|---------------------------|
| U.S. Department of Commerce, Patent and Trademark Office<br>(PTO Form 1449 modified) |  | <b>COPY</b>    | Docket No.<br>AMAT/3771.P1/DSM/<br>LOW K/JW | Serial No.<br>10/091,699  |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY<br>APPLICANT                        |  |                | Applicant<br>MANDAL                         | Confirmation No.:<br>7928 |
| (Use several sheets if necessary)                                                    |  |                | Filing Date<br>MARCH 4, 2002                | Group<br>2814             |
| Examiner                                                                             |  | RAO, STEVEN H. |                                             |                           |

## U.S. Patent Documents

| *Examiner Initial |     | Document Number | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----|-----------------|------------|-------------------|-------|----------|----------------------------|
| SM                | A1  | 6,441,491 B1    | 08/27/2002 | Grill, et al.     | 257   | 759      | 01/25/2001                 |
| I                 | A2  | 6,479,110 B2    | 11/12/2002 | Grill, et al.     | 427   | 577      | 09/27/2001                 |
| SM                | A3  | 2002/0137359 A1 | 09/26/2002 | Grill, et al.     | 438   | 778      | 01/25/2001                 |
|                   | A4  |                 |            |                   |       |          |                            |
|                   | A5  |                 |            |                   |       |          |                            |
|                   | A6  |                 |            |                   |       |          |                            |
|                   | A7  |                 |            |                   |       |          |                            |
|                   | A8  |                 |            |                   |       |          |                            |
|                   | A9  |                 |            |                   |       |          |                            |
|                   | A10 |                 |            |                   |       |          |                            |
|                   | A11 |                 |            |                   |       |          |                            |
|                   | A12 |                 |            |                   |       |          |                            |
|                   | A13 |                 |            |                   |       |          |                            |

## Foreign Patent Documents

| *Examiner Initial |    | Document Number | Date | Country | Class | Subclass | Translation              |                          |
|-------------------|----|-----------------|------|---------|-------|----------|--------------------------|--------------------------|
|                   |    |                 |      |         |       |          | YES                      | NO                       |
|                   | B1 |                 |      |         |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|                   | B2 |                 |      |         |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|                   | B3 |                 |      |         |       |          | <input type="checkbox"/> | <input type="checkbox"/> |

## OTHER ART

| *Examiner Initial |    | Including Author, Title, Date, Pertinent Pages, Etc. |
|-------------------|----|------------------------------------------------------|
|                   | C1 |                                                      |
|                   | C2 |                                                      |
|                   | C3 |                                                      |

Examiner

Date Considered

10/22/04

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|                                                                                      |  |  |  |  |                                             |  |                          |  |
|--------------------------------------------------------------------------------------|--|--|--|--|---------------------------------------------|--|--------------------------|--|
| U.S. Department of Commerce, Patent and Trademark Office<br>(PTO Form 1449 modified) |  |  |  |  | Docket No.<br>AMAT/3771.Y1/DSM/<br>LOW K/JW |  | Serial No.<br>10/091,699 |  |
| COPY                                                                                 |  |  |  |  | Applicant<br>Robert P. Mandal               |  | Confirmation No.<br>7928 |  |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT                           |  |  |  |  | Filing Date<br>March 4, 2002                |  | Group<br>2814            |  |
| (Use several sheets if necessary)                                                    |  |  |  |  |                                             |  |                          |  |
| Examiner Shrinivas H. Rao                                                            |  |  |  |  |                                             |  |                          |  |

| U.S. Patent Documents                                                                                           |                 |              |                   |                 |          |                            |            |
|-----------------------------------------------------------------------------------------------------------------|-----------------|--------------|-------------------|-----------------|----------|----------------------------|------------|
| *Examiner Initial                                                                                               | Document Number | Issue Date   | Applicant(s) Name | Class           | Subclass | Filing Date If Appropriate |            |
| <div style="font-size: 2em; font-weight: bold;">S</div> <div style="font-size: 2em; font-weight: bold;">H</div> | A1              | 6,541,865    | 04/01/2003        | Hawker, et al.  | 257      | 758                        | 06/26/2001 |
|                                                                                                                 | A2              | 6,451,712    | 09/17/2002        | Dalton, et al.  | 438      | 781                        | 12/18/2000 |
|                                                                                                                 | A3              | 2003/0111712 | 06/19/2003        | Andideh, et al. | 257      | 650                        | 12/14/2001 |
|                                                                                                                 | A4              | 2003/0104689 | 06/05/2003        | Shioya, et al.  | 438      | 622                        | 10/30/2002 |
|                                                                                                                 | A5              | 2003/0057414 | 03/27/2003        | Dalton, et al.  | 257      | 3                          | 08/01/2002 |
|                                                                                                                 | A6              |              |                   |                 |          |                            |            |
|                                                                                                                 | A7              |              |                   |                 |          |                            |            |
|                                                                                                                 | A8              |              |                   |                 |          |                            |            |
|                                                                                                                 | A9              |              |                   |                 |          |                            |            |
|                                                                                                                 | A10             |              |                   |                 |          |                            |            |
|                                                                                                                 | A11             |              |                   |                 |          |                            |            |
|                                                                                                                 | A12             |              |                   |                 |          |                            |            |
|                                                                                                                 | A13             |              |                   |                 |          |                            |            |

| Foreign Patent Documents |                 |      |         |       |          |                          |                          |
|--------------------------|-----------------|------|---------|-------|----------|--------------------------|--------------------------|
| *Examiner Initial        | Document Number | Date | Country | Class | Subclass | Translation              |                          |
|                          | B1              |      |         |       |          | YES                      | NO                       |
|                          | B2              |      |         |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|                          | B3              |      |         |       |          | <input type="checkbox"/> | <input type="checkbox"/> |
|                          | B4              |      |         |       |          | <input type="checkbox"/> | <input type="checkbox"/> |

| OTHER ART                                                                                                                       |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| *Examiner Initial                                                                                                               | Including Author, Title, Date, Pertinent Pages, Etc. |
|                                                                                                                                 | C1                                                   |
|                                                                                                                                 | C2                                                   |
|                                                                                                                                 | C3                                                   |
| <div style="display: flex; justify-content: space-between;"> <span>Examiner</span> <span>Date Considered 10/22/04</span> </div> |                                                      |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

|                                                                                      |  |                                             |                          |
|--------------------------------------------------------------------------------------|--|---------------------------------------------|--------------------------|
| U.S. Department of Commerce, Patent and Trademark Office<br>(PTO Form 1449 modified) |  | Docket No.<br>AMAT/3771.Y1/DSM/<br>LOW K/JW | Serial No.<br>10/091,699 |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT                           |  | Applicant<br>Mandal, et al.                 | Confirmation No.<br>7928 |
| (Use several sheets if necessary)                                                    |  | Filing Date<br>March 4, 2002                | Group<br>2814            |
| Examiner Steven H. Rao                                                               |  |                                             |                          |

## U.S. Patent Documents

| *Examiner Initial |     | Document Number | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----|-----------------|------------|-------------------|-------|----------|----------------------------|
| <i>SD</i>         | A1  | 2003/0198742    | 10/23/2003 | Vrtis, et al.     | 427   | 255.28   | 05/17/2002                 |
|                   | A2  |                 |            |                   |       |          |                            |
|                   | A3  |                 |            |                   |       |          |                            |
|                   | A4  |                 |            |                   |       |          |                            |
|                   | A5  |                 |            |                   |       |          |                            |
|                   | A6  |                 |            |                   |       |          |                            |
|                   | A7  |                 |            |                   |       |          |                            |
|                   | A8  |                 |            |                   |       |          |                            |
|                   | A9  |                 |            |                   |       |          |                            |
|                   | A10 |                 |            |                   |       |          |                            |
|                   | A11 |                 |            |                   |       |          |                            |
|                   | A12 |                 |            |                   |       |          |                            |
|                   | A13 |                 |            |                   |       |          |                            |

## Foreign Patent Documents

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|-------------------|----|-----------------|------|---------|-------|----------|-------------------------------------|-------------------------------------|
|                   |    |                 |      |         |       |          | YES                                 | NO                                  |
|                   | B1 |                 |      |         |       |          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
|                   | B2 |                 |      |         |       |          | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                   | B3 |                 |      |         |       |          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|                   | B4 |                 |      |         |       |          | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                   | B5 |                 |      |         |       |          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

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|                   | C1 |                                                      |
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Date Considered 10/22/04

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